

Substitute for form 1449/PTO

*Complete if Known***INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet **1** of **2**

Application Number	
Filing Date	
First Named Inventor	Koichi MIYACHI
Art Unit	
Examiner Name	
Attorney Docket Number	70404.11

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM -YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	5,745,207	04/1998	Asada et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM -YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number-Kind Code ⁵ (if known)				
	2	WO 00/03288	01/2000	WIPO		x
						x

Examiner Signature		Date Considered	
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*Examiner: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

¹ Applicant unique citation designation number (optional). ²See Kind Codes of USPTO Patent documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Abstract is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.

(Use as many sheets as necessary)

Sheet		of
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Filing Date

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Art Unit

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Examiner
InitialsCite
No.¹

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

T2

3

Asako IKEDA et al.; ‘Influence of the Optical Purity on the Smectic Layer Thickness and the Transition Order in Enantiomeric Mixtures of an Antiferroelectric Liquid Crystal’; Japanese Journal of Applied Physics; Vol. 30, No. 6A; June 1991; pp. L1032-L1035.

Examiner
Signature

Date _____
Considered _____

¹ Applicant unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

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Express Mail No. EL629613805US
PATENT
70404.11

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Koichi MIYACHI and Seiji SHIBAHARA Serial No.: Currently unknown Filing Date: Concurrently herewith For: LIQUID CRYSTAL OPTICAL ELEMENT AND METHOD FOR FABRICATING THE SAME	
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INFORMATION DISCLOSURE STATEMENT

Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

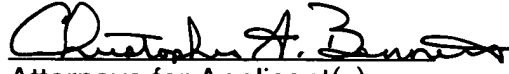
Sir:

In accordance with 37 CFR §1.56, and in recognition of their duty to disclose to the United States Patent and Trademark Office relevant information known to be material to patentability, Applicants herewith submit copies of the prior art listed on the attached Information Disclosure Statement (Form PTO-1449), including an English abstract. The statement is not a representation that all of the information cited is necessarily effective as prior art against the application.

Applicant respectfully request that the disclosed references be made of record in the subject application.

Respectfully submitted,

Date: October 7, 2003


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